

DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY AFFAIRS (PERA)

BOARD AND CODE ADMINISTRATION DIVISION

# NOTICE OF ACCEPTANCE (NOA)

PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/pera/

MIAMI-DADE COUNTY

International Impact Building Products, LLC 5900 Australian Avenue, Suite #300 West Palm Beach, FL 33407

#### Scope:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA -Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

## DESCRIPTION: Series "Titan 90" Aluminum Sliding Glass Door w/ reinforcements-Impact

**APPROVAL DOCUMENT:** Drawing No. W11-47, titled "Series Titan 90 Alum Sliding Glass Door (L.M.I.)", sheets 1 through 7 of 7, prepared by AL-Farooq Corporation, dated 08/22/11 and last revised on NOV 16, 2011, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

#### MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and series and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA # 09-0127.14 and consists of this page 1 and evidence pages E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by Ishaq I. Chanda, P.E.



NOA No 11-0923.01 Expiration Date: July 01, 2014 Approval Date: November 24, 2011

Page 1

#### International Impact Building Products, LLC

### NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

- A. DRAWINGS (transferred from file # 09-0127.14)
  - 1. Manufacturer's die drawings and sections.
  - 2. Drawing No. **W11-47**, titled "Series Titan 90 Alum Sliding Glass Door (L.M.I.)", sheets 1 through 7 of 7, prepared by AL-Farooq Corporation, dated 08/02/11 and last revised on NOV 16, 2011, signed and sealed by Javad Ahmad, P.E.
- **B.** TESTS (transferred from file # 09-0127.14)
  - 1. Test reports on 1) Air Infiltration Test, per TAS 202-94
    - 2) Uniform Static Air Pressure Test, Loading per TAS 202-94
    - 3) Water Resistance Test, per TAS 202-94.
    - 4) Forced Entry Test per FBC 2411.3.2.1 and TAS202-94.
    - 5) Large Missile Impact Test, per TAS 201-94
    - 6) Cyclic Wind Pressure Loading, per TAS 203-94

Along with marked-up drawings and installation diagram of an aluminum sliding glass door, prepared by Fenestration Testing Laboratories, Test Report No. **HTL-0171-0713.07**, dated 08-01-2008, signed and sealed by Vinu Abraham, P.E.

2. Additional OXO sliding Glass Door test report No. HTL-0171-106-07, dated 03-16-07 per TAS 201, 202 and 203-94, signed and sealed by Vinu Abraham, P.E., issued to Plaza Door Co (Now known as International Impact Products, LLC).

#### C. CALCULATIONS

- 1. Statement letter dated 11/16/11 compliance to FBC2010, prepared by Al Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
- 2. Anchor verification calculations and structural analysis, complying with FBC-2007, prepared by Al Farooq Corporation, dated 09/20/11 and last revised on OCT25, 2011, signed and sealed by Javad Ahmad, P.E
- 3. Glazing complies w/ ASTME-1300-02 & -04

#### D. QUALITY ASSURANCE

1. Miami Dade Department of Permitting, Environment, and Regulatory Affairs (PERA).

### E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **07-1116.04** issued to E.I. DuPont DeNemours & Co., Inc. for their "**DuPont Sentry Glass ® Plus**", expiring on 01/14/12.

#### F. STATEMENTS

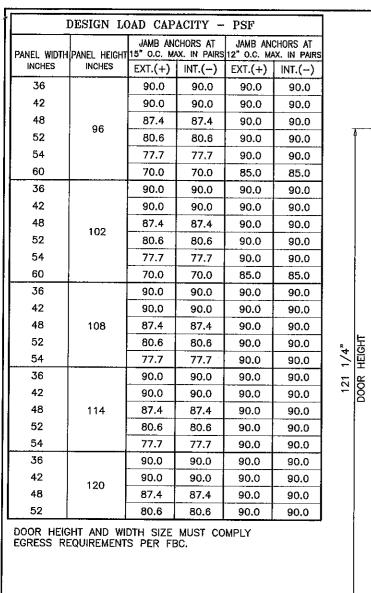
- 1. Statement letter dated 11/16/11 compliance to FBC2010, prepared by Al Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
- 2. Statement letter of FBC 2007 conformance and letter of no financial interest, prepared by Al Farooq Corporation, dated 08/25/11, signed and sealed by Javad Ahmad, P.E.
- 3. Statement letter dated 04/09/09, issued by Plaza Doors of all assets sold to Impact Building Products, signed by Roy Elwell, president Plaza Door (in file # 09-0127.14)
- 4. Statement letter dated 04/09/09, issued by Impact Building Products of all assets purchased from Plaza Doors, signed by Michael Fry, Managing Partner, International Impact Building Products (original in file #09-0127.14)
- 5. Laboratory compliance, as a part of above test reports.

#### G. OTHER

1. Bill of Sales Assignment and Loan Purchase agreement between National City Bank and International Impact Building Products.

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No 11-0923.01
Expiration Date: July 01, 2014

Approval Date: November 24, 2011



-----**------**(B (B) FALSE MUNTIN OPTIONAL 47 1/8" 47 1/8" D.L. OPG. D.L. OPG. THESE DOORS ARE RATED FOR LARGE & SMALL MISSILE IMPACT. 53 3/4" 53 3/4"

PANEL WIDTH

6" MAX.

HEAD/SILL

CORNERS

120" PANEL HEIGHT

113" D.L. OPG.

20" MAX.

HEAD/SILL

( A

D

SERIES 'TITAN 90' ALUMINUM SLIDING GLASS DOOR

DESIGN LOAD RATING FOR DOORS TO BE AS PER CHART SHOWN ABOVE.

SHUTTERS ARE NOT REQUIRED.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2007/2010 EDITION INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

1BY OR 2BY WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF 2007/2010 FLORIDA BLDG. CODE SECTION 2003,8,4,



D.L.O. HEIGHT = PANEL HEIGHT - 7.000" D.L.O. WIDTH = PANEL WIDTH - 6.625" DOOR HEIGHT = PANEL HEIGHT + 1.250'

PANEL WIDTH

ANCHORS IN PAIRS

AT HEAD/SILL/JAMBS

NOTE: GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-04 (3 SEC. GUSTS) AND FLORIDA BUILDING COMMISSION DECLARATORY STATEMENT DCA05-DEC-219

TYPICAL ELEVATION

208 11/16"

DOOR WIDTH

(E)

HEAD/SILL

(D)

LAMINATED GLASS LARGE MISSILE IMPACT Engr: JAVAD AHMAD CIVIL FLA. PE # 70592 C.A.N. 3538

PRODUCT REVISED

GLASS

1/2"=1"

drawing

W11 - 47

sheet 1 of 7

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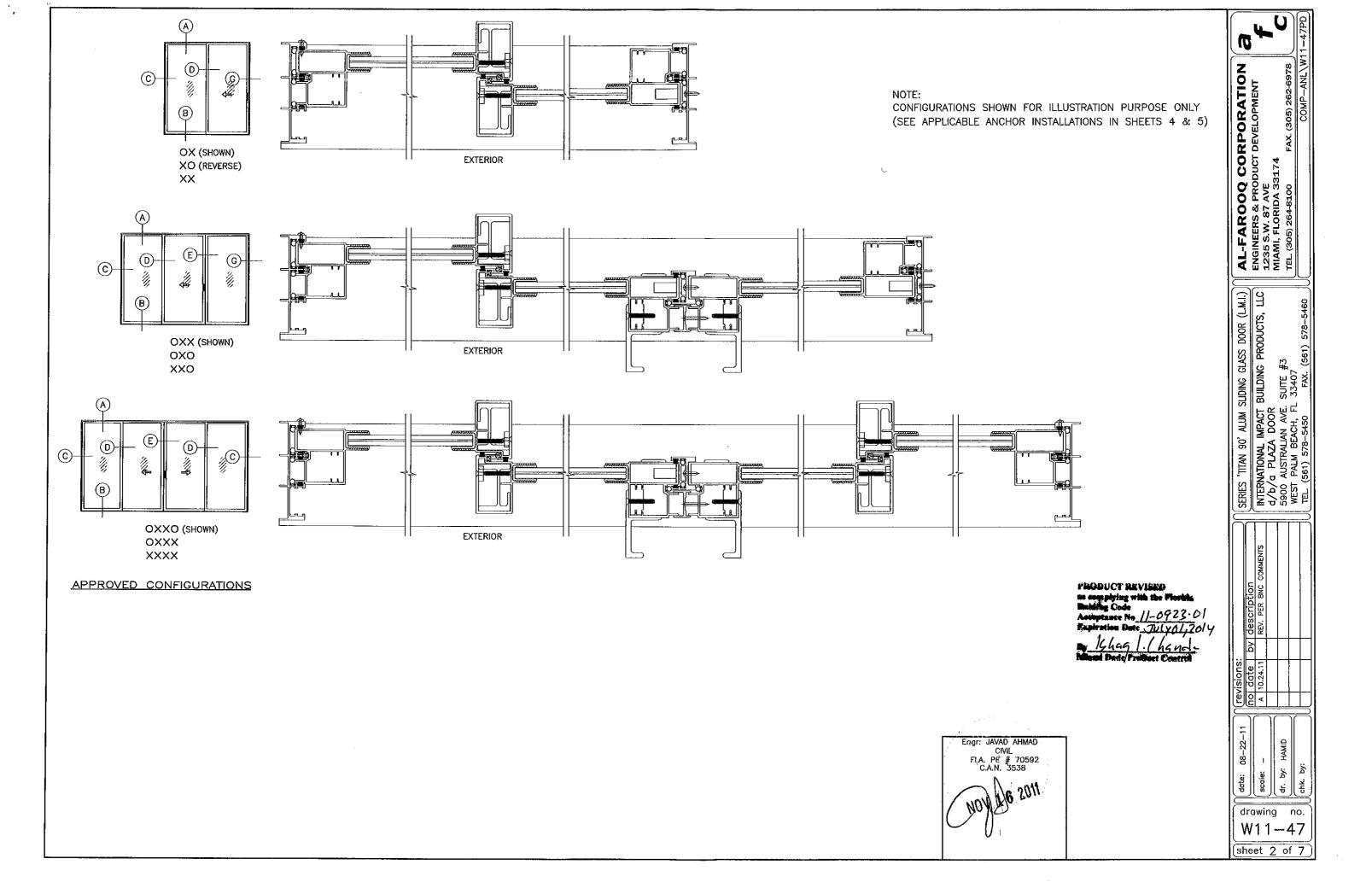
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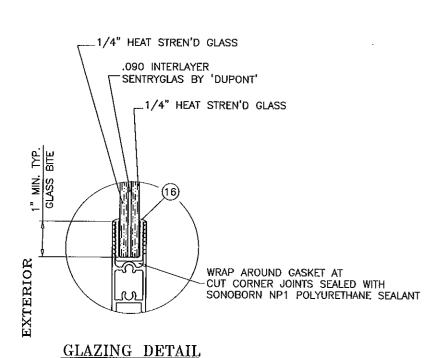
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6" MAX. JAMB CORNERS

CORPORATION DUCT DEVELOPMENT

(F)





9/16" OVERALL LAMINATED GLASS

ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	PDC-009	1	FRAME HEAD	6063-T6	
2	PDC-012	1	FRAME SILL	6063-T6	
3	PDC-010	2	FRAME JAMB	6063-T6	
4	PDC-058	1/ PANEL	PANEL TOP RAIL	6063-T6	-
5	PDC-059	1/ PANEL	PANEL BOTTOM RAIL	6063-T6	-
6	PDC-060	1/ PANEL	JAMB/LOCK STILE	6063-T6	-
7	PDC-061	1/ PANEL	INTERLOCK STILE	6063-T6	-
8	PDC-002	AS REQD.	ASTRAÇAL STILE	6063-T6	_
10	PDC-022	AS REQD.	SCREEN ASTRAGAL	6063-T6	-
11	PDC-041	AS REQD.	HAND RAIL	6063-T6	_
12	PDC-062	1/ PANEL	INTERLOCK STILE REINFORCEMENT, LENGTH = PANEL HT 18"	6063-T6	
13	PDC-092	2/ PANEL	INTERLOCK REINFORCEMENT, 12" LONG	6063-T6	
14	PDC-093	1/ PANEL	STILE REINFORCEMENT, LENGTH = PANEL HT 18"	6063-T6	-
15	PDC-085	1	HI-RISE ADAPTER	6063-T6	-
16	2-270-0	AS REQD.	GLAZING GASKET (X-1842)	FLEXIBLE PVC	CENTRAL PLASTICS
17	3-310-0	2/ MOV. PANEL	ADJUSTABLE ROLLER ASSEMBLY	_	IIBP
18	2-322-0		DEADLOCK #1847-02 SS		ADAMS RITE
19	2-351-0	-	LOCK ESCUTCHEON #4430	_	ADAMS RITE
20	3-001-0		LOCK KEEPER	-	IIBP
21	3-008-0	-	TRACK RAIN PAN	_	IIBP
22	3-009-0	_	H.P. WEATHER TAB	_	II8P
23	2-400-0	AS REQD.	.270 WIDE POLY-BOND FINSEAL #PB-8425-2211-0	_	SCHLEGAL
24	2-402-0	AS REQD.	.270 WIDE POLY-BOND WOOLPILE #PB-7525-6011-6		SCHLEGEL
25	2-407-0	AS REQD.	.270 WIDE POLY-BOND FINSEAL #PB-7531-6011-2	<del>-</del>	SCHLEGAL
26	2-222-0	AS REQD.	BULB W'STRIPPING (EV-277)	<u> </u>	CENTRAL PLASTICS
27	2-025-0	-	#10-24 X 1/4" PFH UC SMS		AT 2" FROM ENDS & 14" O.C.
30	2-010-0	<u>-</u>	#12 X 1-1/4" PPH SS SMS	<del>-</del>	1 PER DOOR ROLLER
31	2-040-0		#8 X 1" FH SMS	<del>-</del>	2 PER 12" REINF, BAR
32	2-007-0		#14 X 1-1/4" PH SMS		2 PER DOOR PANEL CORNERS
33	2-019-0	-	#8 X 1/2" PH SMS		AT 3" FROM ENDS & 18" O.C.
34	2-069-0	-	#8 X 1-1/4" SMS	_	AT 3" FROM ENDS & 18" O.C.
35	2-027-0	1	#10 X 1-1/4" MS TYPE F FH		(1) AT 14" FROM BOTTOM
36	2-042-0		#8 X 3/4" PH SMS	_	AT 6" FROM ENDS & 18" O.C.
39	2-027-0	11	#10 X 1-1/4" MS TYPE F FH	_	(1) AT 9" FROM BOTTOM

PRODUCT REVISED to complying with the Florida.

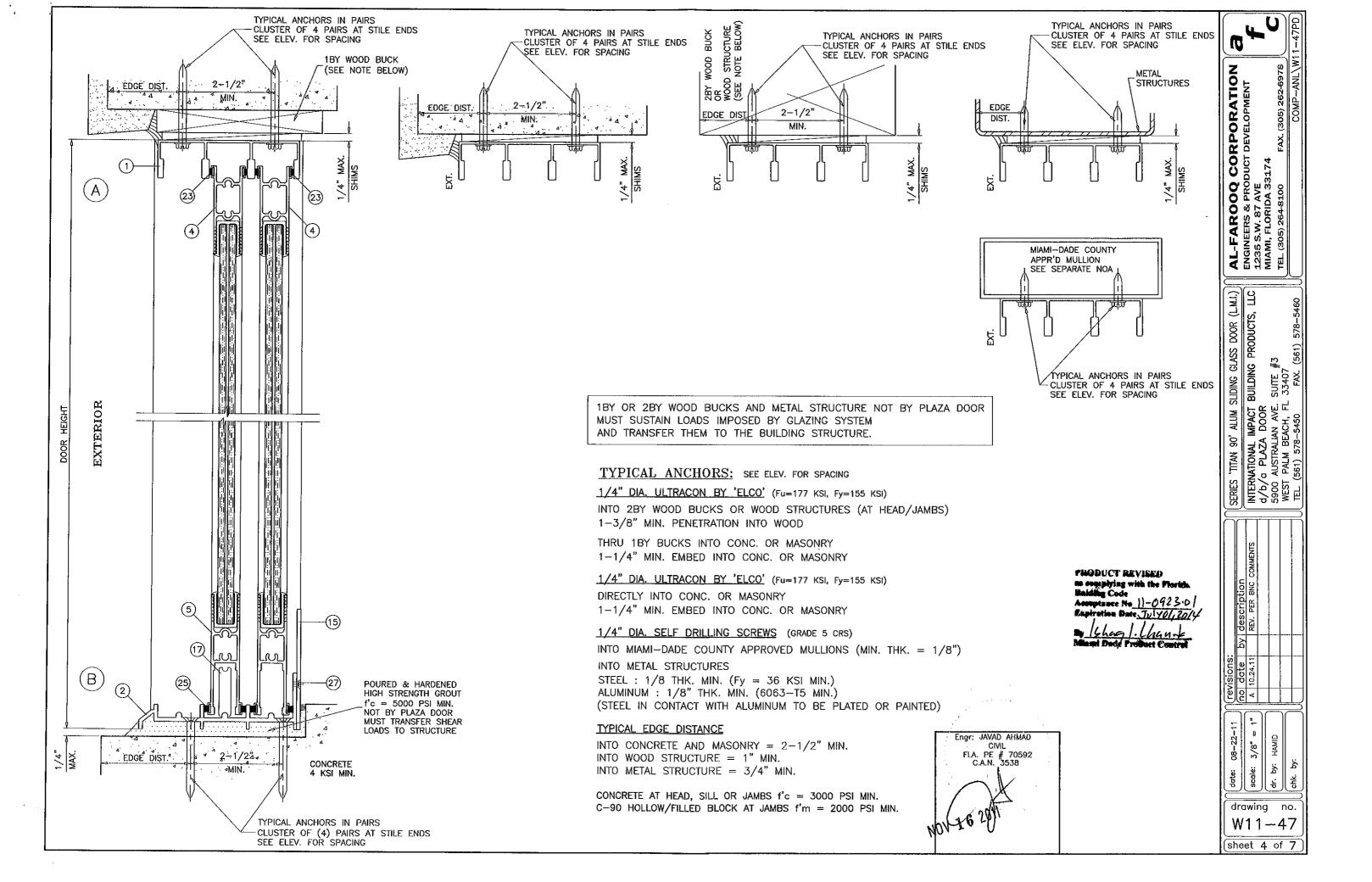
Building Code
Accionance No 11-0923.0/
Expiration Date: JULY01/20/

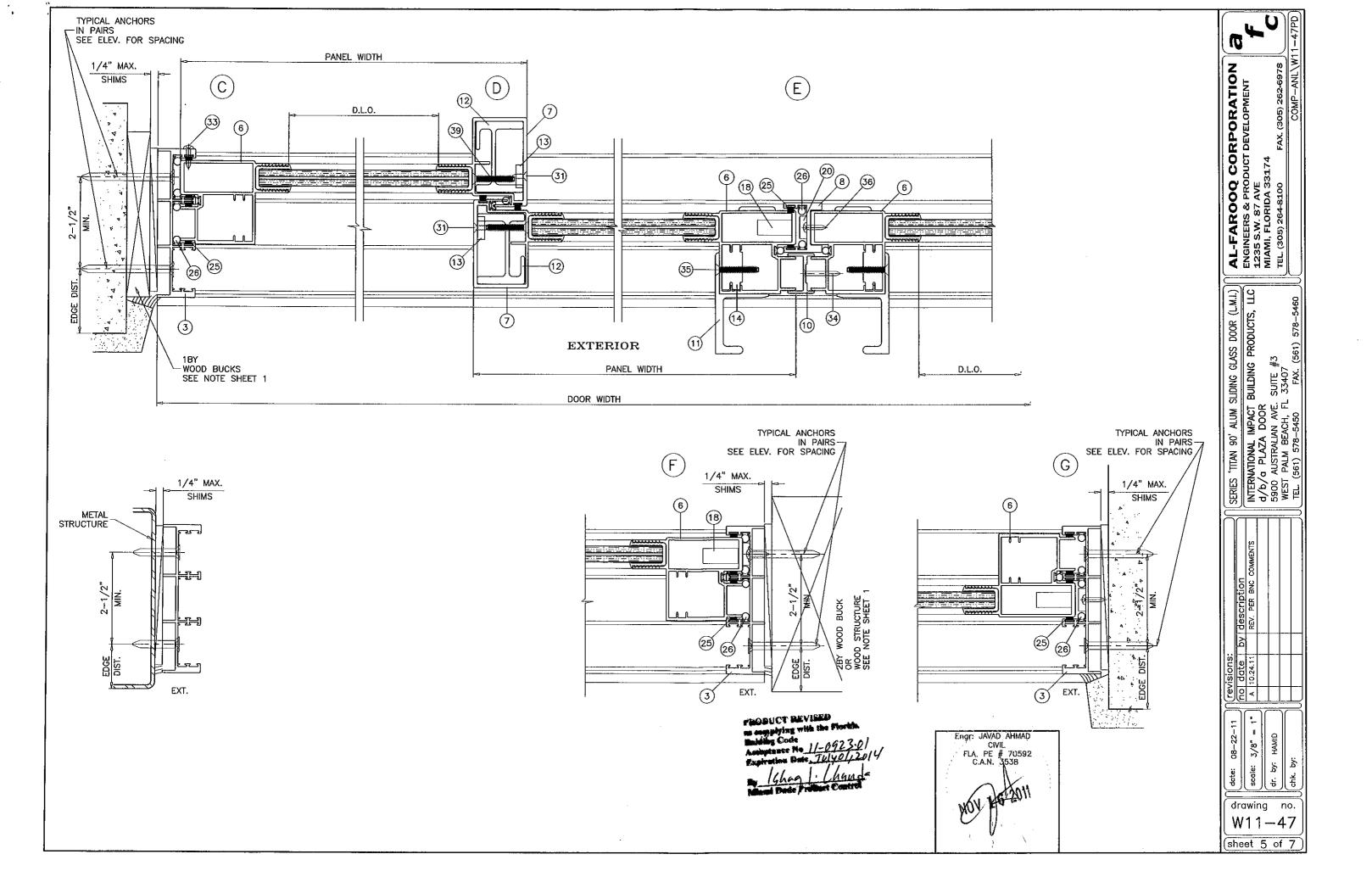
Manual Dade Product Control

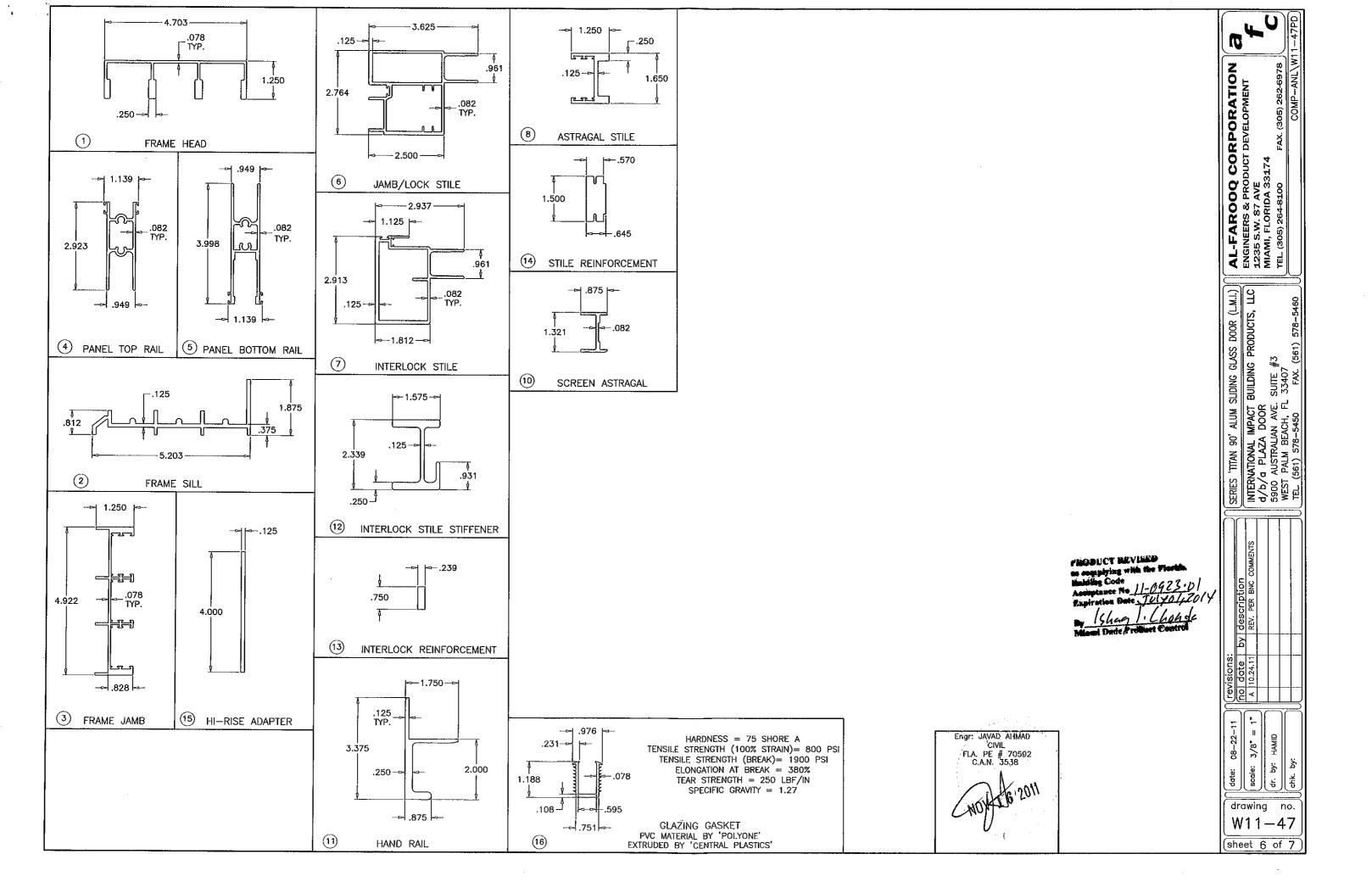
Engr: JAVAD AHMAD CIVIL ELA. PE # 70592 C.A.N, 3538

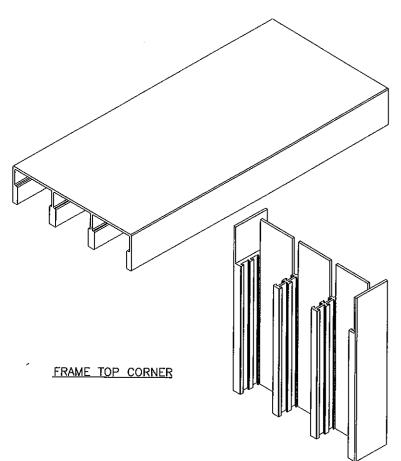
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	ORPORATION		CT DEVELOPMENT			FAX. (303) 262-6976	COMP-ANL\W1
	AI -FAROOD CORPORATION		ENGINEERS & PRODUCT DEVELOPMENT	MIAM! ELOBIDA 23174	MILWIN, FLORIDA SOLI	1EL. (305) 264-8100	
		_		1 4	-		닠
	CERPES TITAN 90' ALLIM SLIDING GLASS DOOR (LM.)		INTERNATIONAL IMPACT BUILDING PRODUCTS, LLC	d/b/a PLAZA DOOR	5900 AUSTRALIAN AVE. SUITE #3	WEST PAIM BEACH. FL 33407	TEL (561) 578-5450 FAX. (561) 578-5460
	revisions:	nol date   by   description	A 10.24.11 REV. PER BNC COMMENTS				
	date: 08-22-11		scale: 3/8" = 1"		dr. by: HAMID		chk. by:
drawing no						o. 7	

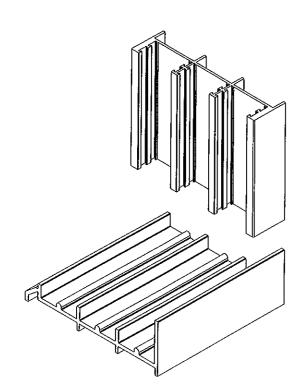




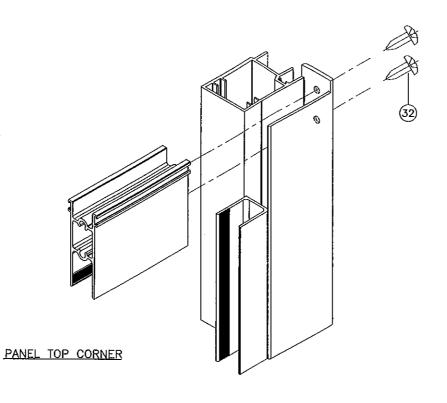




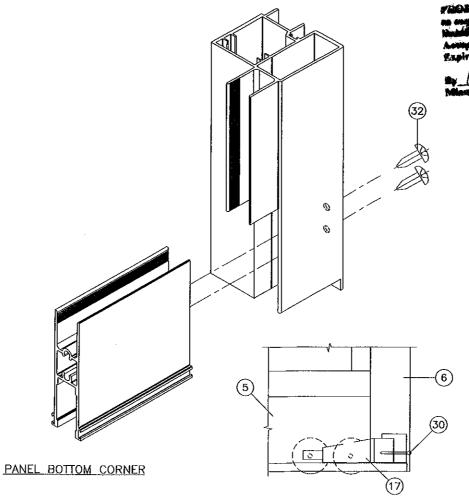
JAMB NOTCHED TO RECIEVE HEADER AND SILL RIBS APPLY BEAD OF SONNEBORN NP1 SEALANT AT TOP AND BOTTOM JOINTS



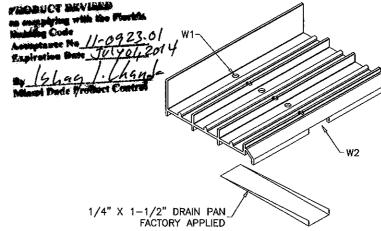
FRAME BOTTOM CORNER



APPLY BEAD OF SONNEBORN NP1 SEALANT AT TOP AND BOTTOM JOINTS



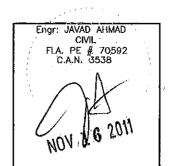
ROLLER FASTENER DETAIL



# **WEEPHOLES:**

W1 = CLUSTER OF SIX 3/8" WEEP HOLES AT 17" FROM EACH END AND 21" O.C.

W2 = 1/4" X 1-1/2" OPENING FOR DRAIN PAN AT 17" FROM EACH END AND 21" O.C.



AL-FAROOQ CORPORATION ENGINEERS & PRODUCT DEVELOPMENT 1235 S.W. 87 AVE MIAMI, FLORIDA 33174

drawing no.

sheet 7 of 7